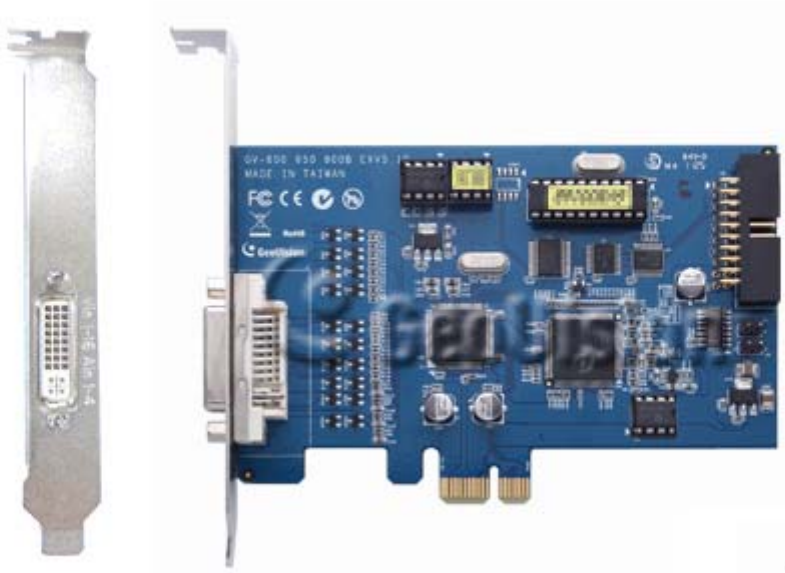
# GV-650B Video Capture Card



GV-650B Card provide s up to 16 video channels and 4 audio channels, recording up to 60 / 50 fps (NTSC / PAL) in total with H.264 software compression.

## Specifications

| | | | GV-650B | GV-650B X 2 |
|---|---|---|---|---|
| Interface | | | PCI-E (x1) | PCI-E (x1) x 2 |
| Input Type | | | DVI | |
| Video Input | | | 4, 8, 16 Cams | 8, 12, 16, 20, 24, 32 Cams |
| Audio Input | | | 4 Channels | 8 Channels |
| Recording Rate | CIF | NTSC | 4-port: 60 fps<br>16-port: 60 fps | 4+4 port: 120 fps<br>16+16 port: 120 fps |
| | | PAL | 4-port: 50 fps<br>16-port: 50 fps | 4+4 port: 100 fps<br>16+16 port: 100 fps |
| | D1 | NTSC | 4-port: 60 fps<br>16-port: 30 fps | 4+4 port: 120 fps<br>16+16 port: 60 fps |
| | | PAL | 4-port: 50 fps<br>16-port: 25 fps | 4+4 port: 100 fps<br>16+16 port: 50 fps |
| Display Rate | CIF | NTSC | 4-port: 60 fps<br>16-port: 60 fps | 4+4 port: 120 fps<br>16+16 port: 120 fps |
| | | PAL | 4-port: 50 fps<br>16-port: 50 fps | 4+4 port: 100 fps<br>16+16 port: 100 fps |
| | D1 | NTSC | 4-port: 60 fps<br>16-port: 30 fps | 4+4 port: 120 fps<br>16+16 port: 60 fps |
| | | PAL | 4-port: 50 fps<br>16-port: 25 fps | 4+4 port: 100 fps<br>16+16 port: 50 fps |
| Video Resolution | NTSC | | 704x480, 704x480 De-interlace, 640x480, 640x480 De-interlace, 352x240, 320x240 | |
| | PAL | | 704x576, 704x576 De-interlace, 640x480, 640x480 De-interlace, 352x288, 320x240 | |
| Video Compression Format | | | Geo MPEG4, Geo H264 | |
| Audio Format | | | 16 kHz / 16-bit, 32 kHz / 16-bit | |
| GV-NET/IO Card Support | | | Yes | |
| Dimensions (W x H) | | PCI-E | 120 x 82 mm / 4.7 x 3.2 in | |
| Installation Guide | | | GV-650B | |

Note:

1. GV-650B is currently not compatible with VIA series and ATI series chipset motherboards.
2. 8-port has the same recording rate and display rate as 16-port.
3. Specifications are subject to change without notice.

| Minimum System Requirements For One Card, CIF Resolution | | |
|---|---|---|
| OS Supported | 32-bit | Windows XP / Vista / 7 / 8 / Server 2008 |
| | 64-bit | Windows 7 / 8 / Server 2008 R2 / Server 2012 |
| CPU | | Pentium 4, 2.4 GHz |
| RAM | | Windows XP: 2 x 512 MB Dual Channels<br>Windows Vista / 7 / 8 / Server 2008 / Server 2012 : 2 x 1 GB Dual Channels |
| HDD | | 80 GB |
| Graphic Card | | AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color |
| DirectX | | 9.0c |
| **Minimum System Requirements For Two Cards, CIF Resolution** | | |
| OS Supported | 32-bit | Windows XP / Vista / 7 / 8 / Server 2008 |
| | 64-bit | Windows 7 / 8 / Server 2008 R2 / Server 2012 |
| CPU | | Pentium 4, 2.8 GHz with Hyper Threading |
| RAM | | 2 x 1 GB Dual Channels |
| HDD | | 160 GB |
| Graphic Card | | AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color |
| DirectX | | 9.0c |

**Accessories**

4 cam video cable

8 cam video cable

16 cam video cable